

ATTENTION: _____

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**TES CONTRACT
WEEKLY FIELD ACTIVITY REPORT**

TO: Beth Brown - USEPA Region IV

FROM: Brad Wright - BVNST

LOCATION: Collierville, TN - Carrier AC site

DATE: 5/2/91

1. SUMMARY OF FIELD ACTIVITIES

This report summarizes field activities conducted at the carrier site during the week of April 29, 1991. The PRP contractor, Ensafe, conducted well sampling activities. Ensafe personnel included; Dave Fuehrer, Joe Matthews, Lynn Hurley, Chris Triplett, and Paul Stoddard. Oversight was conducted by Brad Wright (B&V Waste Science and Technology - BVNST). BVNST was onsite April 29 through May 1, 1991. Ensafe conducted sampling activities at the following locations: MW-4, 6, 10,



12, 15, 19, 35, and 57; and the pilot remedial system influent. The remedial system was turned off 24 hours prior to sampling. It was turned on just before samples were collected from the influent holding tank. No sample was collected from the remedial system effluent.

When the effluent port was opened no water came out. The well at location MW-21 was not sampled because it is part of the remediation system.

Only VOA samples were collected at location MW-15. Samples collected at all other monitoring wells included 3-40mL VOA vials (pre-preserved with HCl), 1-500mL polyethylene container (pre-preserved with HNO₃) for unfiltered metals analysis, and 1-500mL poly. container (no preservative) for filtered metals analysis. Additional sample containers were filled at location MW-4 for

2.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTIONS

(cont.)

Due to a lack of water, the following wells were not sampled; MW-43, 47, 49, 51, 53, and 55.

3. QA/QC SAMPLES

A. Split Samples

<u>Sample #</u>	<u>Date/Time</u>	<u>Sample Description</u>
04309119	4/30/91 - 1030	Monitoring Well MW-19
05019157	5/1/91 - 1010	Monitoring Well MW-57

LAB RECEIVING SAMPLES EPA ESD CHAIN OF CUSTODY # —

COMMENT: EPA Proj. No. 91-599; Analyses: TCL VOA & TAL metals

B. Spike and Blank Samples NA

<u>Sample #</u>	<u>Date/Time</u>	<u>Sample Description</u>

LAB RECEIVING SAMPLES _____ CHAIN OF CUSTODY # _____

COMMENT: _____

4. FUTURE WORK SCHEDULE

The well at location MW-58 will be developed and sampled.

5. TOTAL HOURS CHARGED THIS WEEK

30 hours oversight.

1. continued

analysis of TCE degradation indicators as specified in the memo, dated April 10, 1991 from Mr. Mark E. Bowers (Ensafe) to Ms. Beth Brown (U.S. EPA Region IV). Samples were shipped to PACE Laboratories for analysis.

At each well prior to sampling, Ensafe performed the following activities:

- 1) HNU reading at well head,
- 2) Water level measurement and purge volume calculation,
- 3) Purge of 3 standing water volumes or until dry with dedicated pump or baster. Wells purged dry were sampled after well recovery.
- 4) Measurement of water quality (Temp., pH, cond., D.O.) and mV) after each standing water volume purge,

Field instruments (pH, HNU, and D.O.) were calibrated daily.

Field blanks and duplicates were taken daily.

All work was performed in level D.

Decontamination of water level measuring instrument was in accordance with Region IV SOP.

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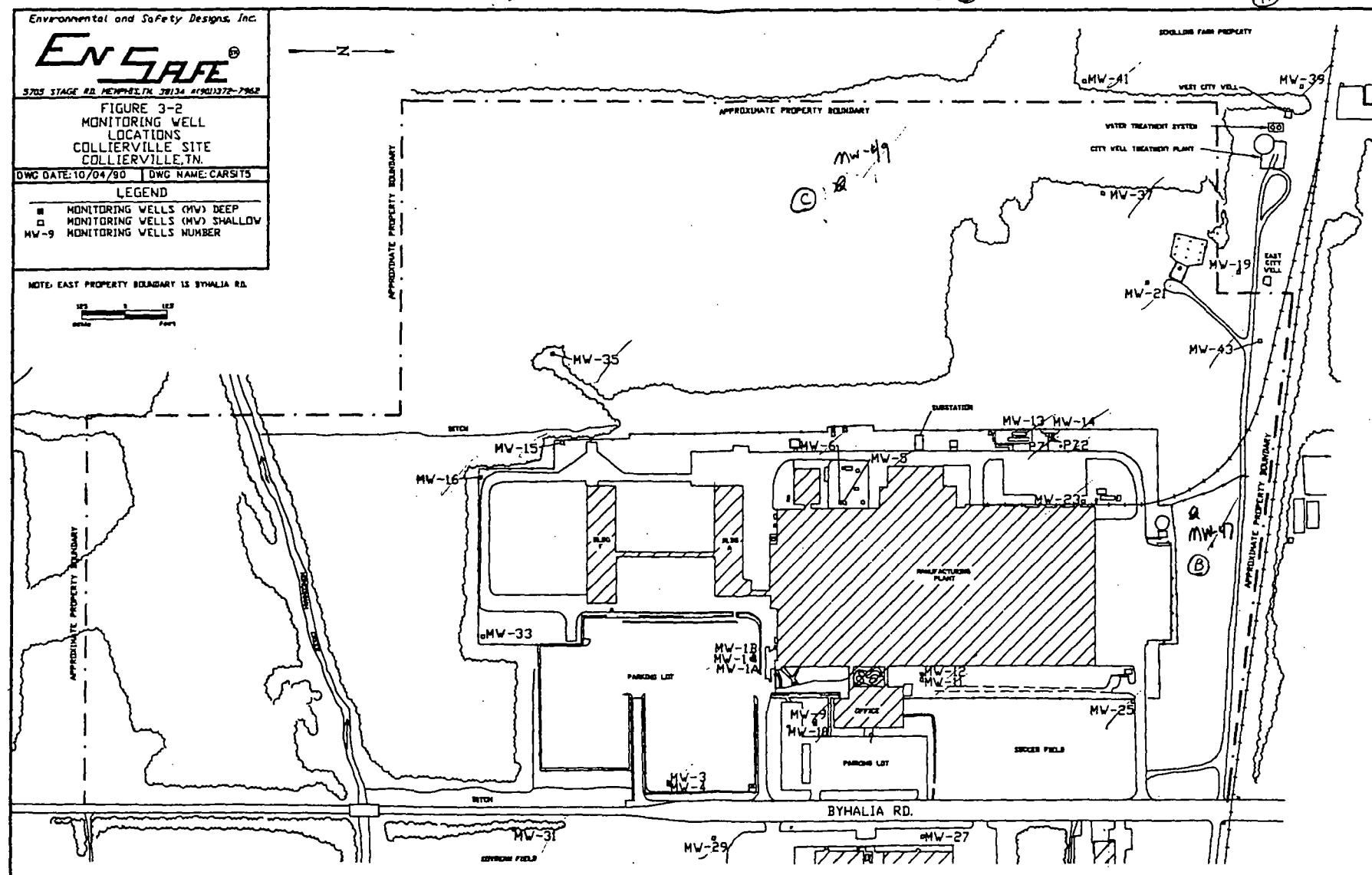
FIGURE 3-2
MONITORING WELL
LOCATIONS
COLLIERVILLE SITE
COLLIERVILLE, TN

COLLIERVILLE, TN

LEGEND

- MONITORING WELLS (MW) DEEP
□ MONITORING WELLS (MW) SHALLOW
MW-9 MONITORING WELLS NUMBER

NOTE: EAST PROPERTY BOUNDARY IS BYHALIA RD



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